



Stantec

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December 9, 2008
File: LV2008008

Kentucky Office of the 911 Coordinator/CMRS Board
200 Mero Street
Frankfort, KY 40622

Attention: Mr. Ralph Coldiron

Dear Mr. Coldiron:

**Reference: CMRS Geospatial Audit
GARRARD LINCOLN COUNTY 911
308 W MAPLE AVE
LANCASTER, KY 40444**

The Geospatial Audit of GARRARD LINCOLN COUNTY 911 located in Garrard County was conducted on 10/30/2008. GARRARD LINCOLN COUNTY 911 provides wireless 9-1-1 service for Garrard and Lincoln Counties.

PSAP MAPPING SUMMARY

Information on the mapping solution employed by the PSAP was collected as part of the audit process, which includes the type of software and system, the vendor, the version and the layers being used at the time of the audit. In addition, this summary may include notes and observations taken while conducting the audit. 202 KAR 6:100 specifies the requirements of mapping software used in certified PSAPs. The software used by GARRARD LINCOLN COUNTY 911 meets this requirement.

FIELD DATA TESTING

In accordance to the requirements of the Geospatial Audit, 20 random points for jurisdiction of the PSAP or for each county served by the PSAP were tested by collecting field GPS information and address information and comparing the results of plotting the two elements with the 9-1-1 solution employed by the PSAP. The result of this portion of the audit is that 100% of the points tested met the criteria of the Audit. Passing criteria is that 90% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 4.

WIRELESS 9-1-1 FUNCTION

In accordance to the requirements of the Geospatial Audit, 20 wireless 9-1-1 calls were documented for data, software, and mapping function. The result of this portion of the audit is that 80% of the calls documented met the criteria of the Audit. Passing criteria is that 66% of the points tested shall meet the criteria set forth in 202 KAR 6:100, Section 4, Paragraph 3.

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Reference: CMRS Geospatial Audit

CONCLUSION

Mapping Component	<u>Meets audit criteria</u>
Field Data Component	<u>Meets audit criteria with</u> 100% of points tested meeting criteria
Wireless Data Component	<u>Meets audit criteria with</u> 80% of calls tested meeting criteria

Based on the results of the audit, GARRARD LINCOLN COUNTY 911 meets the standards set by legislation and administrative regulation.

The detailed documentation of the audit with observations and recommendations is attached. The documentation is separated into a report of the software and data used by the PSAP with observations and recommendations; Field Data Report; and Wireless Data Report. Please note that supporting printouts and printed maps are included in the electronic copy of this report.

Sincerely,

Stantec Consulting Services Inc.

James B. Morse
GIS Project Manager
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Attachment: Report Details

c. Files

j v:\1756\active\175658008\gis\merged summary letter.doc

PSAP Mapping Component Summary

PSAP Name *GARRARD LINCOLN COUNTY 911*

Address 308 W MAPLE AVE

Audit Date 10/30/2008

City LANCASTER

Audit Personnel MCCORMICK

Contact RONNIE DOBSON

Contact Title Director, Bluegrass Communications

Software	Version	Vendor
INTERACT GEO911	5.14	INTERACT PUBLI

Mapping Layers Used

Road Centerlines: ☒

Point Addresses: ☒

Ortho Photography: ☐

Other Layers: ☒ **Type of 'other' layers used by PSAP:**

There are 12 layers: Loop, School, Structures, Roads,
Driveway, Railroad, Lincoln-Garrard, Lincoln EMS, Fire
District, City Boundaries, Gar-BND, County Boundary

Notes and Observations:

The data from the map and the wireless calls were obtained by Russ Clark.
James Whisenhunt and Shane New both of Bluegrass Area District
Development were both present during the audit.

The map software is Interact GIS, the version is 5.14 and the vender is Interact
Public Safety, Inc. There are 12 layers: Loop, School, Structures, Roads,
Driveway, Railroad, Lincoln-Garrard, Lincoln EMS, Fire District, City
Boundaries, Gar-BND, County Boundary

The map was last updated on 10/30/08, the frequency of updates is monthly. The
data is supplied by and the installed in the system by Bluegrass Area
Development District.

The data from the map and the wireless calls were obtained by Russ Clark.
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Development were both present during the audit.

Four (4) wireless calls were received that contained error messages or incomplete data from the carrier which is outside the control of the PSAP. The PSAP mapping solution functioned properly with correct data. The points are marked as not passing the criteria of the audit, the PSAP has been shown as not meeting the criteria of the audit as it pertains to the wireless function. It is suggested that the Board review the data and consider finding the PSAP as meeting the criteria of the audit since the issues that caused the points to fail are outside of the control of the PSAP and that when correct and proper data was provided by the carriers the mapping solution function within the requirements of the audit.

Observations and comments: (1) When the audit team arrived it was discovered that the Garrard County PSAP was also covering Lincoln County. The Garrard County PSAP was in the process of being recertified to cover Lincoln County but at the time of the audit was not recertified. (2) The audit team covered both Garrard and Lincoln counties' map point at the Garrard County PSAP. (3) Wireless calls were obtained from both Lincoln and Garrard counties (4) Consistent with other PSAP audits only 20 wireless calls were obtained for this PSAP.